

FOREST RESOURCE PROTECTION  
U.S. FOREST SERVICE  
ASHEVILLE, NORTH CAROLINA

REPORT OF AERIAL RECONNAISSANCE SURVEY

SURVEY AREA: George Washington National Forest, Virginia

RANGER DISTRICTS SURVEYED: Deerfield, Warm Springs, Lee, James River, & Dry River

DATE: 1/13-14/76

ACREAGE WITHIN SURVEY BOUNDARY: 1,520,000

PERCENT COVERAGE: 50% AIRCRAFT: Cessna 182 CREW: Bassett and McDowell

SURVEY OBJECTIVES: To detect significant bark beetle activity.

SURVEY RESULTS

Listed is pine mortality, probably caused by the southern pine beetle.  
The data except for the Lee are expanded to give 100% coverage.

<u>Ranger District</u>	<u>Number Spots</u>	<u>Number trees per spot (ave.)</u>
Lee	1	40
Deerfield	333	20
Warm Springs	134	21
James River	420	47
Dry River	107	20

SUMMARY

Significant pine mortality was detected on all the districts surveyed except for the Lee. A ground evaluation to verify the causal agent and obtain other pertinent biological data has been scheduled by Resource Protection personnel for the Deerfield, Warm Springs, James River, and Dry River Ranger Districts.

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For any additional information, Contact:

Zone Supervisor

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